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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10589915 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>CHONG ET AL. |
|  | <b>Examiner</b><br><br>ROBERT HUBER            | <b>Art Unit</b><br><br>2892  |

| SEARCHED |          |         |          |
|----------|----------|---------|----------|
| Class    | Subclass | Date    | Examiner |
| 257      | 314, 613 | 5/14/08 | RH       |
| 711      | 104      | 5/14/08 | RH       |
| 257      | 2 - 5    | 12/8/08 | RH       |

| SEARCH NOTES  |                               |          |
|---|-------------------------------|----------|
| Search Notes  | Date                          | Examiner |
| Inventor Search - EAST (USPAT, USPGPUB, USOCR) - see printout   | 5/13/08                       | RH       |
| PLUS search - keywords: chalcogenide, phase, change, pcram, multiple, plurality, many, layer, film, memory, temperature, electrode, contact | 5/14/08                       | RH       |
| EAST search (USPAT, USPGPUB, USOCR, FPRS, EPO, JPO, DERWENT, IBM) - see printout  | 5/13/08 -<br>5/15/08, 5/21/08 | RH       |
| Suggested EAST Search from Thao Le: @ad<= 20040219 and GeTe same Sb.sub.2Te.sub.3   | 5/21/08                       | RH       |
| Updated EAST search (USPAT, USPGPUB, USOCR, FPRS, EPO, JPO, DERWENT, IBM) - see printout  | 12/8/08                       | RH       |

| INTERFERENCE SEARCH |          |      |          |
|---------------------|----------|------|----------|
| Class               | Subclass | Date | Examiner |
|                     |          |      |          |

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